

ABSTRACT OF THE DISCLOSURE

A non-reciprocal circuit element includes a magnetic plate, a common electrode, a first main segment, a second
5 main segment, a third main segment, and a magnet opposing to the magnetic plate and the magnet applying a bias magnetic field. The temperature coefficient of the saturation magnetization of the magnetic plate is from $-0.2\ \%/^{\circ}\text{C}$ to $-0.1\ \%/^{\circ}\text{C}$ in the temperature range from -35°C to 85°C . The
10 temperature coefficient of the residual magnetization of the magnet is from $-0.20\ \%/^{\circ}\text{C}$ to $-0.15\ \%/^{\circ}\text{C}$ in a temperature range from -35°C to 85°C .